Contents of Volume 47

Nos. 1, 2

E.C. Oesterle, P.V. Sarthy and E.W. Rubel (U.S.A.)
Intermediate filaments in the inner ear of normal and experimentally damaged guinea pigs 1

G.B. Henning and E. Zwicker (F.R.G.)
The effect of a low-frequency masker on loudness 17

M.R. Emmerling and H.M. Sobkowicz (U.S.A.)
Acetylcholinesterase-positive innervation in cochleas from two strains of shaker-1 mice 25

R.P. Bobbin, M. Fallon, J.-L. Puel, G. Bryant, S.C. Bledsoe, Jr., G. Zajic and J. Schacht (U.S.A.)
Acetylcholine, carbachol, and GABA induce no detectable change in the length of isolated outer hair cells 39

S. Wang and J. Schacht (U.S.A.)
Insulin stimulates protein synthesis and phospholipid signaling systems but does not regulate glucose uptake in the inner ear 53

D.A. Ronken (U.S.A.)
Basic properties of auditory-nerve responses from a 'simple' ear: The basilar papilla of the frog 63

P.P. Lefebvre, T. Weber, J.-M. Rigo, P. Delree, P. Leprince and G. Moonen
Potassium-induced release of an endogenous toxic activity for outer hair cells and auditory neurons in the cochlea: A new pathophysiological mechanism in Meniere's disease ? 83

P.J.F.M. Lohuis, K. Patterson and K.E. Rarey (U.S.A.)
Quantitative assessment of the rat stria vascularis 95

B.R. Glasberg and B.C.J. Moore (U.K.)
Derivation of auditory filter shapes from notched-noise data 103

W.M. Saidel, J.C. Presson and J.S. Chang (U.S.A.)
S-100 immunoreactivity identifies a subset of hair cells in the utricle and saccule of a fish 139

M.J. Shiel and D.A. Cotanche (U.S.A.)
SEM analysis of the developing tectorial membrane in the chick cochlea 147

R.V. Shannon and S.R. Otto (U.S.A.)
Psychophysical measures from electrical stimulation of the human cochlear nucleus 159

J.K.M. Coleman, W.S. Quirk, H.A. Dengerink and J.W. Wright (U.S.A.)
Pentoxifylline increases cochlear blood flow while decreasing blood pressure in guinea pigs 169

W. Zhang, R.J. Salvi, N. Powers and J. Wu (U.S.A.)
Evoked response narrow-band noise masking patterns in the chinchilla 175

Announcements 183

No. 3

E. Zwicker (F.R.G.)
On the influence of acoustical probe impedance on evoked otoacoustic emissions 185

D. McAlpine and B.M. Johnstone (Australia)
The ototoxic mechanism of cisplatin 191

W.F. Decraemer, S.M. Khanna and W.R.J. Funnell (Belgium, USA, Canada)
Heterodyne interferometer measurements of the frequency response of the manubrium tip in cat 205

M. Pedemonte, J.L. Peña Jr. and R. Velluti (Uruguay)
Periaqueductal gray influence on anteroventral cochlear nucleus unitary activity and naloxone effects 219

S. Bartolami, J. Guiramand, M. Lenoir, R. Pujol and M. Récasens (France)
Carbachol-induced inositol phosphate formation during rat cochlea development 229

W.J. Melssen, W.J.M. Epping and I.H.M. Van Stokkum (The Netherlands)
Sensitivity for interaural time and intensity difference of auditory midbrain neurons in the grassfrog 235

Short Communication

P. Weisleder and E.W. Rubel (U.S.A.)
Reversible blockade of vestibular evoked activity in the chick 257

Announcements 263

Contents of Volume 47 267

Author Index 269

Subject Index 271